

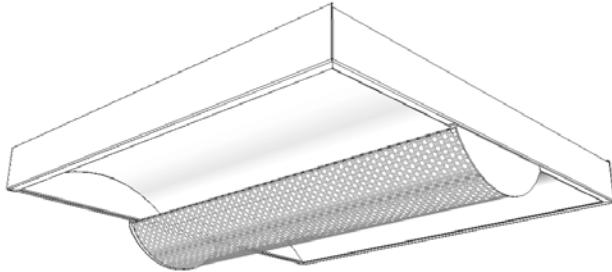
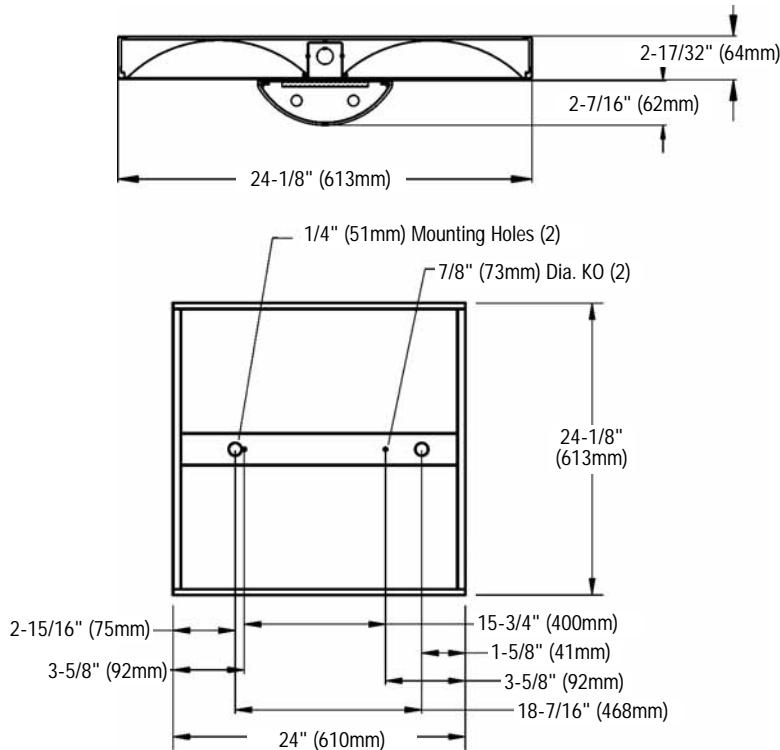
LIGHTOLIER®

Coffaire Drop Basket Surface CDB2SPF214 or 224

Page 1 of 2

Direct/Indirect Surface Mounted Fluorescent – 2' x 2' with Perforated Basket
Static, 2 Lamp T5 or T5HO**Features**

- Direct/indirect lamp shield appearance with soft contoured interior.
- Perforated mesh lamp shield with white acrylic overlay.
- 62.9% efficient (2 lamp T5).
- 62.6% efficient (2 lamp T5HO).
- Lamp shield hinges from either side.
- Optional DALI ballast iGEN TECHNOLOGY accepts digital dimming controllers, scene controllers and automatic control devices.
- Meets NYC Code requirements.
- Not for continuous row mounting.

**Dimensions****Job Information Type:****Job Name:****Cat. No.:****Lamp(s):****Volts/Ballast:**For Factory Technical Information: (978) 657-7600 • Fax (978) 658-0595
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710

11/08

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Section 5/Folio M15-96

LIGHTOLIER®**Coffaire Drop Basket Surface CDB2SPF214 or 224**

Page 2 of 2

Direct/Indirect Surface Mounted Fluorescent- 2' x 2' with Perforated Basket
Static, 2 Lamp T5 or T5HO**Model No. CDB2SPF214UNVPG**

LER = FP - 54.2 IW - 33.2 BF - 1.06
Comparative yearly lighting energy cost per
1000 lumens = \$4.43

Report Number: G2007134A
Catalog Number: CDB2SPF214UNVPG
Lamps: (2) F14T5
Luminaire: Coffaire Drop Basket
Ballast: INC-2S28
Report is based on 1350 Lumens per lamp.
Efficiency: 62.9%
CIE Type-Direct-Indirect
Plane: 0-Deg 90-Deg
Spacing Criteria: 1.2 1.3
Shielding Angles: 90 90
Plane: 0-Deg 90-Deg
Luminous Length: 23.040 23.040

CANDELA DISTRIBUTION

	0.0	45.0	90.0	FLUX
0	523	523	523	
5	520	520	521	49
15	494	500	507	141
25	447	464	483	214
35	383	416	448	260
45	306	359	405	276
55	220	298	359	263
65	136	239	305	228
75	71	178	241	176
85	18	91	134	90
90	2	32	62	

**COEFFICIENTS OF UTILIZATION –
ZONAL CAVITY METHOD. EFFECTIVE
FLOOR CAVITY REFLECTANCE 0.20**

RC	80	50	30	50	10	50	30	10
RW	70	50	30	50	10	50	30	10
1	67	63	60	59	57	55	57	55
2	60	55	50	51	47	44	49	46
3	55	47	42	44	40	36	43	39
4	50	42	36	39	34	31	38	34
5	46	37	31	35	30	26	34	29
6	42	33	27	32	27	23	31	26
7	39	30	24	29	24	20	28	23
8	36	28	22	26	21	18	25	21
9	34	25	20	24	19	16	23	19
10	32	23	18	22	18	15	22	18

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0- 30	405	15.0	23.9
0- 40	666	24.7	39.2
0- 60	1205	44.6	70.9
0- 90	1698	62.9	100.0
90-180	0	0.0	0.0
0-180	1698	62.9	100.0

LUMINANCE DATA IN CANDELA/SQ. METER

AVERAGE IN DEG.	AVERAGE 0-DEG.	AVERAGE 45-DEG.	AVERAGE 90-DEG.
45	1139.	1336.	1507.
55	968.	1312.	1580.
65	761.	1337.	1706.
75	569.	1426.	1930.
85	268.	1354.	1994.

Model No. CDB2SPF224UNVPG

LER = FP - 48.5 IW - 51.7 BF - 1.0
Comparative yearly lighting energy cost per
1000 lumens = \$4.95

Report Number: G2007135A
Catalog Number: CDB2SPF224UNVPG
Lamps: (2) F24T5
Luminaire: Coffaire Drop Basket
Ballast: B224PUNV-C
Report is based on 2000 Lumens per lamp.
Efficiency: 62.6%
CIE Type-Direct-Indirect
Plane: 0-Deg 90-Deg
Spacing Criteria: 1.2 1.3
Shielding Angles: 90 90
Plane: 0-Deg 90-Deg
Luminous Length: 23.040 23.040

CANDELA DISTRIBUTION

	0.0	45.0	90.0	FLUX
0	777	777	777	
5	773	773	775	74
15	733	743	754	210
25	663	689	717	318
35	567	616	666	386
45	453	532	602	409
55	324	441	532	389
65	200	352	450	336
75	104	260	352	256
85	24	131	191	128
90	3	45	89	

**COEFFICIENTS OF UTILIZATION –
ZONAL CAVITY METHOD. EFFECTIVE
FLOOR CAVITY REFLECTANCE 0.20**

RC	80	50	30	10	50	30	10	
RW	70	50	30	50	10	50	30	10
1	67	63	60	59	57	55	57	53
2	60	54	50	51	47	44	49	46
3	55	47	42	44	40	36	43	39
4	50	42	36	39	34	31	38	34
5	46	37	31	35	30	26	34	29
6	42	33	28	32	27	23	31	26
7	39	30	24	29	24	20	28	23
8	36	28	22	26	21	18	25	21
9	34	25	20	24	19	16	23	19
10	32	23	18	22	18	15	22	18

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0- 30	602	15.0	24.0
0- 40	988	24.7	39.4
0- 60	1785	44.6	71.3
0- 90	2505	62.6	100.0
90-180	0	0.0	0.0
0-180	2505	62.6	100.0

LUMINANCE DATA IN CANDELA/SQ. METER

AVERAGE IN DEG.	AVERAGE 0-DEG.	AVERAGE 45-DEG.	AVERAGE 90-DEG.
45	1686.	1980.	2240.
55	1426.	1941.	2342.
65	1119.	1969.	2517.
75	833.	2082.	2819.
85	357.	1950.	2843.

Ordering Information

Explanation of Catalog Number. Example: CDB2SPF214UNVPG

CD	B	2	S	P	F	2	Lamp: 14=15 14W 24=T5HO 24W (Nominal 24")	Voltage: 120, 277 or UNV =120-277 Ballast Type: <20THD <10THD 2 Lamp Elec. T5 (14 Watt) 2 Lamp Elec. T5HO (24 Watt) PG 11 PG 11 Program Rapid Start (UNV only)
Coffaire Drop Basket Direct/Indirect Recessed	Body Style: B = Surface Mounted	Fixture Width	Ceiling Type: Surface	Perforated Lamp Shield	Flat White Reflector			

Options/Accessories

Fusing: Internal fast blow fusing: SUFFIX: A.
Internal slow blow fusing: SUFFIX: C.

Electrical Wiring Options: Emergency Packs are only available for remote mounting.
Consult factory.

For motion or light sensor: See Folio OA20-10.

Specifications

Performance: In an installation of 2 lamp 14W luminaires in a room cavity ratio of 1, with reflectance 80% ceiling, 50% wall, 20% floor, the C.U. shall not be less than .63. To reduce glare the average brightness at 65° shall not exceed 1706 candelas per square meter. To control veiling reflections, luminaire output in the 30°-90° zone shall not be less than 76.1%.

Materials: **Chassis parts** are die-formed code gauge steel.

Lamp Shield: 22 gauge steel perforated mesh lamp shield with white acrylic overlay.

Specifications (continued)

Finish: **Chassis exterior** – Soft white post painted polyester powder. **Cavity** – Soft white post painted polyester powder. Rust preventative undercoating. **Reflector** – Soft white post painted polyester powder.

Electrical: Thermally protected class "P" ballast C.B.M. approved, non PCB. If K.O. is within 3" of ballast, use wire suitable for at least 90°.

Labels: I.B.E.W./UL and ULC Listed.

This product may have a mercury containing lamp. Manage in accord with Disposal Laws. See: www.lamprecycle.org

Job Information**Type:**

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